

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/002739A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/48 G01N33/68 C12Q1/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, BIOSIS, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>MEIJER L ET AL: "INHIBITION OF CYCLIN-DEPENDENT KINASES, GSK-3SS AND CK1 BY HYMENIALDISINE, A MARINE SPONGE CONSTITUENT" CHEMISTRY AND BIOLOGY, CURRENT BIOLOGY, LONDON, GB, vol. 7, no. 1, January 2000 (2000-01), pages 51-63, XP000901413 ISSN: 1074-5521 abstract page 51, column 1, line 1 - column 2, line 9 page 52, column 1, line 23 - page 53, column 2, line 1; table 1 page 59, column 1, line 45 - page 60, column 1, line 9</p> <p>-----</p> <p>-/-</p>	1-48,51

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

3 December 2004

13/01/2005

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/002739

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KURET JEFF ET AL: "Casein kinase 1 is tightly associated with paired-helical filaments isolated from Alzheimer's disease brain" JOURNAL OF NEUROCHEMISTRY, vol. 69, no. 6, December 1997 (1997-12), pages 2506-2515, XP002308829 ISSN: 0022-3042 abstract page 2507, column 1, lines 44-60 the whole document -----	44-48
X	US 6 057 117 A (RING DAVID B ET AL) 2 May 2000 (2000-05-02)	51
Y	column 1, lines 16-24 column 1, line 65 - column 2, line 14 column 2, lines 52-61 column 3, line 3 - column 4, line 58 column 5, line 50 - column 6, line 53 -----	1-43, 49, 50
Y	SINGH T J ET AL: "PHOSPHORYLATION OF TAU PROTEIN BY CASEIN KINASE-1 CONVERTS IT TO ANABNORMAL ALZHEIMER-LIKE STATE" JOURNAL OF NEUROCHEMISTRY, NEW YORK, NY, US, vol. 64, no. 3, 1995, pages 1420-1423, XP000886450 ISSN: 0022-3042 the whole document -----	1-43
Y	LEE G ET AL: "Tyrosine phosphorylation of tau" SOCIETY FOR NEUROSCIENCE ABSTRACTS, vol. 27, no. 1, 2001, page 1436, XP002308830 & 31ST ANNUAL MEETING OF THE SOCIETY FOR NEUROSCIENCE; SAN DIEGO, CALIFORNIA, USA; NOVEMBER 10-15, 2001 ISSN: 0190-5295 the whole document -----	49, 50
X	WO 95/19178 A (RES FOUND MENTAL HYGIENE) 20 July 1995 (1995-07-20) page 1, lines 8-14 page 9, lines 9-23 page 17 - page 21 -----	52
		-/-

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/GB2004/002739

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>TROJANOWSKI JOHN Q ET AL: "Phosphorylation of paired helical filament tau in Alzheimer's disease neurofibrillary lesions: Focusing on phosphatases" FASEB JOURNAL, vol. 9, no. 15, 1995, pages 1570-1576, XP002308831 ISSN: 0892-6638 the whole document</p> <p>-----</p>	52
A	<p>LARNER A J: "Tau protein as a therapeutic target in Alzheimer's disease and other neurodegenerative disorders" EXPERT OPINION ON THERAPEUTIC PATENTS 1999 UNITED KINGDOM, vol. 9, no. 10, 1999, pages 1359-1370, XP002308832 ISSN: 1354-3776 the whole document</p> <p>-----</p>	1-52
A	<p>CASTRO A ET AL: "Inhibition of tau phosphorylation: A new therapeutic strategy for the treatment of Alzheimer's disease and other neurodegenerative disorders" EXPERT OPINION ON THERAPEUTIC PATENTS 2000 UNITED KINGDOM, vol. 10, no. 10, 2000, pages 1519-1527, XP008039626 ISSN: 1354-3776 the whole document</p> <p>-----</p>	1-52
A	<p>SINGH TOOLSSE J ET AL: "Non-proline-dependent protein kinases phosphorylate several sites found in tau from Alzheimer disease brain" MOLECULAR AND CELLULAR BIOCHEMISTRY, vol. 154, no. 2, 1996, pages 143-151, XP008039649 ISSN: 0300-8177 the whole document</p> <p>-----</p>	1-52
A	<p>RODER HANNO M: "Prospect of therapeutic approaches to tauopathies." JOURNAL OF MOLECULAR NEUROSCIENCE, vol. 20, no. 2, April 2003 (2003-04), pages 197-201, XP008039739 ISSN: 0895-8696 the whole document</p> <p>-----</p>	1-52

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/002739

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 6057117	A 02-05-2000	US	6057286 A	02-05-2000
WO 9519178	A 20-07-1995	AU WO US	1831195 A 9519178 A1 2003165575 A1	01-08-1995 20-07-1995 04-09-2003